



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Choi et al.

App. No.: 09/920,341 GPAU: 2877

Filing Date: 08/01/2001 Examiner: Nguyen, Sang H.

Dkt. No.: PA17-07V06 Conf. No.: 4146

For: METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING
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- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449
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to the Examiner's attention in the above-identified application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

FEES DUE

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is believed required.

- ☒ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☒ Applicant(s) does not believe that any additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

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10-29-09

Respectfully Submitted,



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	09/920,341
Filing Date	08/01/2001
First Named Inventor	Choi et al.
Group Art Unit	2877
Examiner Name	Nguyen, Sang H.
Attorney Docket Number	PA17-07V06

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	G1	4,119,688		Hiraoka	10-10-1978	
	G2	4,208,240		Latos	06-17-1980	
	G3	4,707,611		Southwell	11-17-1987	
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Examiner Signature					Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name	Nguyen, Sang H.
Attorney Docket Number	PA17-07V06

Sheet	2	of	3
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		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	09/920,341 08/01/2001 Choi et al. 2877 Nguyen, Sang H. PA17-07V06
Sheet	3	of	3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	G34	Communication Relating to the Results of the Partial International Search; International Appl. No. PCT/US2002/015551.	
	G35	Papirer et al., "The Grafting of Perfluorinated Silanes onto the Surface of Silica: Characterization by Inverse Gas Chromatography," August 1993, pp238-242, vol. 159, Issue 1.	
	G36	Abstract of Papirer et al., "The Grafting of Perfluorinated Silanes onto the Surface of Silica: Characterization by Inverse Gas Chromatography," August 1993, pp238-242, vol. 159, Issue 1.	
	G37	Hirai et al., "Mold Surface Treatment for Imprint Lithography," August 2001, pp 457-462, vol 14, No. 3.	
	G38	Abstract of Hirai et al., "Mold Surface Treatment for Imprint Lithography," August 2001, pp 457-462, vol 14, No. 3.	
	G39	Sung et al., "Micro/nano-tribological Characteristics of Self-Assembled Monolayer and its Application in Nano-Structure Fabrication," July 2003, pp. 808-818, vol. 255, no. 7.	
	G40	Abstract of Sung et al., "Micro/nano-tribological Characteristics of Self-Assembled Monolayer and its Application in Nano-Structure Fabrication," July 2003, pp. 808-818, vol. 255, no. 7.	
	G41	Roos et al., "Nanoimprint Lithography with a Commercial 4 Inch Bond System for Hot Embossing," October 2001, pp. 427-435, vol. 4343.	
	G42	Abstract of Roos et al., "Nanoimprint Lithography with a Commercial 4 Inch Bond System for Hot Embossing," October 2001, pp. 427-435, vol. 4343.	
	G43	Office Action for United States Patent Application 10/053,357 dated 12/16/2003	

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